

**RAW SEQUENCE LISTING
PATENT APPLICATION US/09/052,855**

DATE: 07/27/98
TIME: 10:04:06

INPUT SET: S3259.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

1 SEQUENCE LISTING

3 (1) General Information

**Does Not Comply
Corrected Diskette Needed**

5 (i) APPLICANT: BILLING-MEDEL, PATRICIA
6 COHEN, MAURICE
7 COLPITTS, TRACEY L.
8 FRIEDMAN, PAULA N.
9 GORDON, JULIAN
10 GRANADOS, EDWARD N.
11 HAYDEN, MARK
12 HODGES, STEVEN C.
13 KLASS, MICHAEL R.
14 KRATOCHVIL, JON D.
15 ROBERTS-RAPP, LISA
16 RUSSELL, JOHN C.
17 STROUPE, STEPHEN D.

(ii) TITLE OF THE INVENTION: REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE GASTROINTESTINAL TRACT

(iii) NUMBER OF SEQUENCES: 30

(iv) CORRESPONDENCE ADDRESS:

- (A) ADDRESSEE: Abbott Laboratories
- (B) STREET: 100 Abbott Park Road
- (C) CITY: Abbott Park
- (D) STATE: IL
- (E) COUNTRY: USA
- (F) ZIP: 60064-3500

(v) COMPUTER READABLE FORM:

- (A) MEDIUM TYPE: Diskette
- (B) COMPUTER: IBM Compatible
- (C) OPERATING SYSTEM: DOS
- (D) SOFTWARE: FastSEQ for Windows Version 2.0

(vi) CURRENT APPLICATION DATA:

- (A) APPLICATION NUMBER:
- (B) FILING DATE:
- (C) CLASSIFICATION:

**RAW SEQUENCE LISTING
PATENT APPLICATION US/09/052,855**DATE: 07/27/98
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47 (vii) PRIOR APPLICATION DATA:
48 (A) APPLICATION NUMBER: 08/828,489
49 (B) FILING DATE: 31-MAR-1997
50
51
52 (viii) ATTORNEY/AGENT INFORMATION:
53 (A) NAME: Becker, Cheryl L.
54 (B) REGISTRATION NUMBER: 35,441
55 (C) REFERENCE/DOCKET NUMBER: 6064.US.P1
56
57 (ix) TELECOMMUNICATION INFORMATION:
58 (A) TELEPHONE: 847/935-1729
59 (B) TELEFAX: 847/938-2623
60 (C) TELEX:
61
62
63 (2) INFORMATION FOR SEQ ID NO:1:
64
65 (i) SEQUENCE CHARACTERISTICS:
66 (A) LENGTH: 273 base pairs
67 (B) TYPE: nucleic acid
68 (C) STRANDEDNESS: single
69 (D) TOPOLOGY: linear
70
71 (ix) FEATURE:
72 (A) NAME/KEY: base_polymorphism
73 (B) LOCATION: 3
74 (D) OTHER INFORMATION: /note= "N' represents an A or G or
75 T or C polymorphism at this position"
76
77 (ix) FEATURE:
78 (A) NAME/KEY: base_polymorphism
79 (B) LOCATION: 55
80 (D) OTHER INFORMATION: /note= "N' represents an A or G or
81 T or C polymorphism at this position"
82
83 (ix) FEATURE:
84 (A) NAME/KEY: base_polymorphism
85 (B) LOCATION: 62
86 (D) OTHER INFORMATION: /note= "N' represents an A or G or
87 T or C polymorphism at this position"
88
89 (ix) FEATURE:
90 (A) NAME/KEY: base_polymorphism
91 (B) LOCATION: 190 *See next page - N is at position 189"*
92 (D) OTHER INFORMATION: /note= "N' represents an A or G or
93 T or C polymorphism at this position"
94
95 (ix) FEATURE:
96 (A) NAME/KEY: base_polymorphism
97 (B) LOCATION: 201
98 (D) OTHER INFORMATION: /note= "N' represents an A or G or
99

Please ensure all N locations are accurately
shown throughout
Sequence Listing

**RAW SEQUENCE LISTING
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100          T or C polymorphism at this position"
101
102      (ix)  FEATURE:
103          (A) NAME/KEY: base_polymorphism
104          (B) LOCATION: 204
105          (D) OTHER INFORMATION: /note= " N' represents an A or G or
106              T or C polymorphism at this position"
107
108      (ix)  FEATURE:
109          (A) NAME/KEY: base_polymorphism
110          (B) LOCATION: 206
111          (D) OTHER INFORMATION: /note= " N' represents an A or G or
112              T or C polymorphism at this position"
113
114      (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
115
116      GGN CAG AGGCC TGCGCAGGGC AGGAGCAGCT GGCCC ACTGG CGGCCCGCAA CACTNCGTCT      60
117      TNACCCTCTG GGCCCACTGC ATCTAGAGGA GGGCCGTCTG TGAGGCCACT ACCCCTCCAG      120
118      CAACTGGGAG GTGGGACTGT CAGAAGCTGG CCCAGGGTGG TGGTCAGCTG GGTCA GGGAC      180
119      CTACGGCAN TGCTGGACCA NCTNGNCTTT TCCATCGAAG CAGGGAA GTG GGAGCCTTG A      240
120      CCCCTTGGGT GGAAGCTTGA CCCCAAGCCA CTT                                273
121
122          (2) INFORMATION FOR SEQ ID NO:2:
123
124      (i) SEQUENCE CHARACTERISTICS:
125          (A) LENGTH: 250 base pairs
126          (B) TYPE: nucleic acid
127          (C) STRANDEDNESS: single
128          (D) TOPOLOGY: linear
129
130      (ix)  FEATURE:
131          (A) NAME/KEY: base_polymorphism
132          (B) LOCATION: 69
133          (D) OTHER INFORMATION: /note= " N' represents an A or G or
134              T or C polymorphism at this position"
135
136      (ix)  FEATURE:
137          (A) NAME/KEY: base_polymorphism
138          (B) LOCATION: 97
139          (D) OTHER INFORMATION: /note= " N' represents an A or G or
140              T or C polymorphism at this position"
141
142      (ix)  FEATURE:
143          (A) NAME/KEY: base_polymorphism
144          (B) LOCATION: 140
145          (D) OTHER INFORMATION: /note= " N' represents an A or G or
146              T or C polymorphism at this position"
147
148      (ix)  FEATURE:
149          (A) NAME/KEY: base_polymorphism
150          (B) LOCATION: 223
151          (D) OTHER INFORMATION: /note= " N' represents an A or G or
152              T or C polymorphism at this position"

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**RAW SEQUENCE LISTING
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INPUT SET: S3259.raw

153
154
155 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
156
157 AGAGGCCTGCG CAGGGCAGGA GCAGCTGGCC CACTGGCGGC CCGCAACACT CCGTCTCACC 60
158 CTCTGGGCNC ACTGCATCTA GAGGAGGGCC GTCTGTNAGG CCACTACCCC TCCAGCAACT 120
159 GGGAGGTGGG ACTGTCAGAN GCTGGCCAG GGTGGTGGTC AGCTGGGTCA GGGACCTACG 180
160 GCACCTGCTG GACCACCTCG CCTTCTCCAT CGAACAGGG AANTGGGAGC CTCGAGCCCT 240
161 CGGGTCCAAG
162
163 (2) INFORMATION FOR SEQ ID NO:3:
164
165 (i) SEQUENCE CHARACTERISTICS:
166 (A) LENGTH: 250 base pairs
167 (B) TYPE: nucleic acid
168 (C) STRANDEDNESS: single
169 (D) TOPOLOGY: linear
170
171 (ix) FEATURE:
172 (A) NAME/KEY: base_polymorphism
173 (B) LOCATION: 68
174 (D) OTHER INFORMATION: /note= " N' represents an A or G or
175 T or C polymorphism at this position"
176
177 (ix) FEATURE:
178 (A) NAME/KEY: base_polymorphism
179 (B) LOCATION: 232
180 (D) OTHER INFORMATION: /note= " N' represents an A or G or
181 T or C polymorphism at this position"
182
183 (ix) FEATURE:
184 (A) NAME/KEY: base_polymorphism
185 (B) LOCATION: 233
186 (D) OTHER INFORMATION: /note= " N' represents an A or G or
187 T or C polymorphism at this position"
188
189
190 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
191
192 TGGCGGCCCG CAACACTCCG TCTCACCCCTC TGGGCCACT GCATCTAGAG GAGGGCCGTC 60
193 TGTGAGGNCA CTACCCCTCC AGCAACTGGG AGGTGGGACT GTCAAATCT GGCCCAGGGT 120
194 GGTGGTCAGC GGGTCAGGG ACCTACGGCA CCTGCTGGAC CACCTCGCCT TCTCCATCGA 180
195 AGCAGGGAAG TGGGAGCCTC GAGCCCTCGG GTGGAAGCTG ACCCCAAGCC ANNCTTCACC 240
196 TGGACAGGAT
197
198 (2) INFORMATION FOR SEQ ID NO:4:
199
200 (i) SEQUENCE CHARACTERISTICS:
201 (A) LENGTH: 233 base pairs
202 (B) TYPE: nucleic acid
203 (C) STRANDEDNESS: single
204 (D) TOPOLOGY: linear
205

**RAW SEQUENCE LISTING
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206
207          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
208
209          CCCTCTGGGC CCACTGCATC TAGAGGAGGG CCGTCTGTGA GGCCACTACC CCTCCAGCAA      60
210          CTGGGAGGTG GGACTGTCAG AAGCTGGCC AGGGTGGTGG TCAGCTGGGT CAGGGACCTA      120
211          CGGCACCTGC TGGACCACCT CGCCTTCTCC ATCGAAGCAG GGAAGTGGGA GCCTCGAGCC      180
212          CTCGGGTGGA AGCTGACCCC AAGCCACCT TCACCTGGAC AGGATGAGAG TGT      233
213
214          (2) INFORMATION FOR SEQ ID NO:5:
215
216          (i) SEQUENCE CHARACTERISTICS:
217              (A) LENGTH: 287 base pairs
218              (B) TYPE: nucleic acid
219              (C) STRANDEDNESS: single
220              (D) TOPOLOGY: linear
221
222          (ix) FEATURE:
223              (A) NAME/KEY: base_polymorphism
224              (B) LOCATION: 17
225              (D) OTHER INFORMATION: /note= " N' represents an A or G or
226                  T or C polymorphism at this position"
227
228          (ix) FEATURE:
229              (A) NAME/KEY: base_polymorphism
230              (B) LOCATION: 60
231              (D) OTHER INFORMATION: /note= " N' represents an A or G or
232                  T or C polymorphism at this position"
233
234          (ix) FEATURE:
235              (A) NAME/KEY: base_polymorphism
236              (B) LOCATION: 193
237              (D) OTHER INFORMATION: /note= " N' represents an A or G or
238                  T or C polymorphism at this position"
239
240          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
241
242          CACGAGGGCC GTCTGTNAGG CCACTACCCC TCCAGCACT GGGAGGTGGG ACTGTCAGAN      60
243          GCTGGCCAG GGTGGTGGTC AGCTGGTCA GGGACCTACG GCACCTGCTG GACCACCTCG      120
244          CCTTCTCCAT CGAACGAGGG AAGTGGGAGC CTCGAGCCCT CGGGTGGAAG CTGACCCCAA      180
245          GCCACCCCTC ACNTGGACAG GATGAGAGTG TCAGGTGTGC TTCGCCCTC GCCCTCATC      240
246          TTTGCCATAG TCACGACATG GATGTTTATT CGAAGCTACA TGAGCTT      287
247
248          (2) INFORMATION FOR SEQ ID NO:6:
249
250          (i) SEQUENCE CHARACTERISTICS:
251              (A) LENGTH: 263 base pairs
252              (B) TYPE: nucleic acid
253              (C) STRANDEDNESS: single
254              (D) TOPOLOGY: linear
255
256
257          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
258

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PAGE: 1

**SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/052,855**

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Line	Error	Original Text
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16	Response Exceeds Line Limitations	RUSSELL, JOHN C.
17	Response Exceeds Line Limitations	STROUPE, STEPHEN D.